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begin their motion in the elliptic orbit *D F E*, and continue till they meet at *F*, or *I*, when, being equal, and meeting with equal velocity, and being perfectly elastic, they will return by the same trajectory, and with the same velocity as that with which they met, striking their respective planes at *D* and *E* at the same instant, where they will be deflected in the directions *E A* and *D C*, and arrive finally at *A* and *C* at the same instant.

Their whole force in those directions being now overcome, they will immediately begin to fall again through the same path, striking the planes, and describing the elliptic orbit, and meeting as before, and thus will they continue to describe and re-describe the same path, advancing and repelling each other forever.

BOOK NOTICES.

We have received from the publisher, ***James S. Burnton***, 149 Grand street, New York, "*My Visit to the Sun; or, Critical Essay on Physics, Metaphysics and Ethics.*" By Lawrence S. Benson, author of "Benson's Geometry."

This book is an octavo vol. of 164 pages, and is executed on material, and in a style which is highly creditable to the publisher.

The author, no doubt, ***intends*** to represent, in this fictitious dialogue between himself and an inhabitant of the sun, by his own discourses, what he believes to be the current scientific views upon the subjects discussed, and by the discourses of the inhabitant of the sun, his own views upon the same subjects.

Anything like a critical review of the book would be absurd. It is sufficient to say that throughout the 164 pages we have not been able to find a single lucid paragraph; and that in the author's discourses, in which he has intended to represent the current scientific views on the subjects under discussion, he has invariably misrepresented or distorted science.

PAMPHLETS RECEIVED.

A METHOD OF COMPUTING ABSOLUTE PERTURBATIONS, by G. W. HILL, office of the American Ephemeris, Washington, D. C. 8 pages quarto. From "*Astronomische Nachrichten*," No. 1982.

A METHOD OF INTEGRATING THE SQUARE ROOTS OF QUADRATICS, by HENRY T. EDDY, C. E., Ph. D. 16 pages octavo. From the proceedings of the University Convocation, held at Albany, N. Y., August 6th, 7th & 8th, 1872.

DISCUSSION OF THE APPLIED FORCES IN A DRAW-BRIDGE, by H. T. EDDY, C. E., Princeton, N. J. 8 pages octavo. From *Van Nostrand's Eclectic Engineering Magazine* for June, 1874.

ANNUAL REGISTER OF THE RENSSELAER POLYTECHNIC INSTITUTE, Troy, N. Y., 1873-4.

CATALOGUE OF NORTH CAROLINA COLLEGE, Mt. Pleasant, N. C., 1873-4.